

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: LOUIS RAYMOND
FALCE, ET AL.
Serial No.: 09/496,889
Filed: February 2, 2000
For: ION THRUSTER HAVING A HOLLOW
CATHODE ASSEMBLY WITH AN
ENCAPSULATED HEATER, AND ITS
FABRICATION

:Date: November 14, 2000

:Group Art Unit: 3746

:Examiner: E. Gartenberg

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DECLARATION

Honorable Assistant Commissioner of Patents
Washington, D.C. 20231

Dear Sir:

We, Louis Raymond Falce, a citizen of the United States of America, residing at 2071 Folle Blanche, San Jose, California 95135 and John R. Beattie, a citizen of the United States of America, residing at 1106 Finrod Court, Westlake Village, California 91361, hereby declare:

That we made and conceived the invention described and claimed in patent application Serial No. 09/496,889, filed in the United States of America on February 2, 2000, entitled "Ion Thruster Having A Hollow Cathode Assembly With An Encapsulated Heater, And Its Fabrication."

That we made and conceived this invention while employed by Boeing Satellite Systems (formerly known as Hughes Space and Communications a subsidiary of Hughes Electronics Corporation). That the invention is related to the work we are employed to perform and was made within the scope of our employment duties;

That the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of Boeing

Satellite Systems (formerly known as Hughes Space and Communications a subsidiary of Hughes Electronics Corporation).

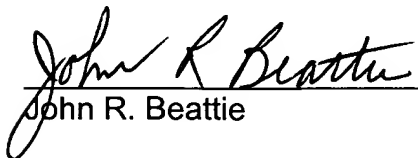
That to the best of our knowledge and belief, the invention was not made (conceived or first actually reduced to practice) under nor is there any relationship of the invention to the performance of any work under any contract of the National Aeronautics and Space Administration.

The undersigned inventors declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Inventors Signatures:

Louis Raymond Falce

Date: _____



John R. Beattie

Date: 11-14-00

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2201 Seal Beach Boulevard
MS-WSB43

Serial No. 09/496,889PD-990111

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CATHODE ASSEMBLY WITH AN
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Date: November 17, 2000

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Inventors Signatures:

Louis Raymond Falce

Louis Raymond Falce

Date: *November 17, 2000*

Date: _____

John R. Beattie

Serial No. 09/496,889 PD-990111

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